INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04L12/56 G06F13/38

H04L29/06

H04M11/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{ll} \mbox{MinImum documentation searched} & \mbox{(classification system followed by classification symbols)} \\ \mbox{IPC 7} & \mbox{H04L} & \mbox{G06F} & \mbox{H04M} & \mbox{H04Q} \\ \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Х	US 2003/145119 A1 (BENDER PAUL E ET AL) 31 July 2003 (2003-07-31) figures 3A,3B,4 paragraphs '0005!, '0006!, '0009!, '0012! - '0014!, '0027!	1-3,5-7
Υ		4,8-20
Y	XYLOMENOS ET AL.: "LINK LAYER SUPPORT FOR QUALITY OF SERVICE ON WIRELESS INTERNET LINKS" IEEE PERSONAL COMMUNICATIONS, IEEE COMMUNICATIONS SOCIETY, US, vol. 6, no. 5, October 1999 (1999-10), pages 52-60, XP000853485 ISSN: 1070-9916 page 58, right-hand column figures 10,11 page 57	4,8-20
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X Further documents are listed in the continuation of box C.	χ Patent family members are listed in annex.	_
 Special categories of cited documents: A' document defining the general state of the art which is not considered to be of particular relevance E' earlier document but published on or after the international filling date L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O' document referring to an oral disclosure, use, exhibition or other means P' document published prior to the International filing date but later than the priority date claimed 	 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family 	
Date of the actual completion of the international search 3 November 2004	Date of mailing of the international search report $06/12/2004$	
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Authorized officer Siebel, C	

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C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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Α	LEMME H: "INFRAROT-DATEN-UBERTRAGUNG WIRD SCHNELLER. IRDA-SCHNITTSTELLE JETZT MIT BIS ZU 4 MBIT/S" ELEKTRONIK, FRANZIS VERLAG GMBH. MUNCHEN, DE, vol. 45, no. 3, 6 February 1996 (1996-02-06), pages 38-40,42,44, XP000553701 ISSN: 0013-5658 page 42, left-hand column, lines 1-5	4	
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А	TRAVIS B: "EASE FILE TRANSFERS WITH IRDA-PROTOCOL WIRELESS INFRARED" EDN ELECTRICAL DESIGN NEWS, CAHNERS PUBLISHING CO. NEWTON, MASSACHUSETTS, US, vol. 40, no. 7, 30 March 1995 (1995-03-30), pages 59-64,66,68, XP000524757 ISSN: 0012-7515 page 63	1-20	
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